

RELAY CODES & COMPONENTS LIST, **GBW 15241**
RINGING TONES AND METER PULSE M/C WITH AUTO C/O AND ALARM, ROTARY
CONVERTOR TYPE M/C WITH PERMANENT MAGNET TONE GENERATION.
STRIP MOUNTED.

| RELAY | B.C.C. CODE | DIAG. FIG. | NOTES | COMPT. DESIGNATION | B.P.O CODE | NOTES |
|-------|-------------|------------|-------|--------------------|-----------------|--|
| AT | 76119 | | | L1- | INDUCTOR No 164 | ON EARLIER EQUIPMENTS BPO RETARD No 19A IS PROVIDED. |
| | | | | L2 | " " | |
| B | 11434 | | | (R1) | No 6 | |
| | | | | (R2) | No 2 | |
| BT | 76119 | | | (R3) | No 2 | |
| | | | | (R4) | No 2 | |
| CO | 5912P | | | (R5) | No 2 | |
| | | | | (R6) | No 6 | |
| COR | 11435P | | | (R7) | No 2 | |
| | | | | (R8) | No 9 | |
| CA | 91028 | | | (R9) | No 2 | |
| | | | | (R10) | No 9 | |
| CB | 91028 | | | (R11) | No 6 | |
| | | | | (R12) | No 6 | |
| CC | 91028 | | | (R13) | No 6 | |
| | | | | (R14) | No 6 | |
| CD | 91028 | | | (R15) | No 6 | |
| | | | | (R16) | No 6 | |
| CE | 91028 | | | (R17) | No 6 | |
| | | | | (R18) | No 6 | |
| CG | 91028 | | | (R19) | No 12 | |
| | | | | (R20) | No 9 | |
| CH | 91028 | | | (R21) | No 9 | |
| | | | | (R22) | No 12 | |
| DF | 12185 P | | | (R23) | No 12 | |
| | | | | (R24) | No 12 | |
| MSA | 91028 | | | | | |

NOTES:- A SPECIAL FACTORS OF SAFETY. B SPECIAL ADJUSTMENTS. C CIRCUIT POINTS OR MODIFICATIONS

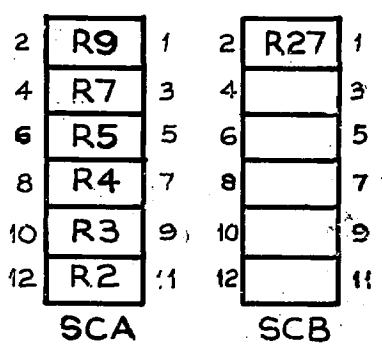
CLASS-RELAY

- B - CA
- B - CB
- B - CC
- B - CD
- B - CE
- B - CF
- B - CG
- B - CH
- B - MSA

RE-ADJ & TEST FIGS.

LAYOUT

LAYOUT OF RESISTOR STRIPS.



| ST | SA | SAA | SBA | SJA | SDA | SEA | SFA | SGA | SHA |
|------------|------------|------------|-----------------------|---------------|------------|------------|-----------------------|-----|------------|
| R8 R10 | SB | SAB | SBB | SJB | SDB | SEB | SFB | SGB | SHB |
| C15 C16 | C17 C18 | C19 C20 | C21 C22 | C1 C6 | C7 C9 | C9 C10 | + | + | + |
| C23 C24 | C25 C26 | C27 C28 | C29 C30 | C11 C12 | C13 C14 | + | + | + | + |
| C2A | C2B | C2C | C3A | C3B | C3C | C2D C3D | DFA | + | + |
| C4A | C4B | C4C | C5A | C5B | C5C | C4D C5D | DFB | + | + |
| CO | COR | CR | DF | PA | RW | RY | RF | XY | R19 R20 |
| VB | B | DT | R23 23-23 33-24 | MF1 MS6 TO | GT | RG | R21 21-25 32-26 | SCA | SCB |
| CA | CB | CC | CD | MSA | RV3 | RD | TA | AT | RV1 |
| CF | CF | CG | CH | MSB | RV4 | C31 C32 | TB | BT | RV2 |



RELAY CODES & COMPONENTS LIST, GBW 15241

SIZE F

SHEET 2 of 4

| RELAY | BCC CODE | DIAG. FIG. | NOTES | COMP. DESIGNATION | BPO CODE | NOTES |
|-------|----------|------------|-------|-------------------|---------------|-------|
| MSB | 91028 | | | R25 | N° 12 | |
| | | | | R26 | N° 12 | |
| PA | 7288 | | | (R27) | N° 26 GC | |
| | | | | (R29) | N° 12 | |
| RD | 1523 | | | R30 | PAINTON P5005 | |
| RF | 20828 | | | R31 | PAINTON P5005 | |
| RW | 20828 | | | R32 | N° 12 | |
| | | | | RVI | N° 26 J | |
| RY | 20828 | | | RV2 | N° 26 J | |
| | | | | R33 | N° 12 | |
| SA | 11430P | | | C1 | N° 101 | |
| SB | 11430P | | | C2A | N° 103 C | |
| | | | | C2B | " | |
| SAA | 10836 | | | C2C | " | |
| SBA | 10836 | | | C2D | N° 102 C | |
| | | | | C3A | N° 103 C | |
| SJA | 10836 | | | C3B | " | |
| | | | | C3C | " | |
| SDA | 10836 | | | C3D | N° 102 C | |
| | | | | C4A | N° 103 C | |
| SEA | 10836 | | | C4B | " | |
| | | | | C4C | " | |
| SFA | 10836 | | | C4D | N° 102 C | |
| | | | | C5A | N° 103 C | |
| SGA | 10836 | | | C5B | " | |
| | | | | | | |
| SHA | 10836 | | | | | |

NOTES: - A SPECIAL FACTORS OF SAFETY. B SPECIAL ADJUSTMENTS. C CIRCUIT POINTS OR MODIFICATIONS

LAYOUT

B - MSB - RE-ADJ & TEST FIGS.

| | | | | | | | | | | | | | | |
|----|-----|-----|-----|-----|-----|-----|------------|-----|--|--|--|--|--|--|
| 4) | C15 | C17 | C19 | C21 | C1 | C7 | C9 | | | | | | | |
| | C16 | C18 | C20 | C22 | C6 | C8 | C10 | | | | | | | |
| | C23 | C25 | C27 | C29 | C11 | C13 | | | | | | | | |
| | C24 | C26 | C28 | C30 | C12 | C14 | | | | | | | | |
| 3) | C2A | C2B | C2C | C3A | C3B | C3C | C2D C3D | DFA | | | | | | |
| | C4A | C4B | C4C | C5A | C5B | C5C | C4D C5D | DFB | | | | | | |

LAYOUT USING CAPACITOR MOUNTING PLATES (B.P.O. F149/14 BH) AS ALTERNATIVE TO RELAY MOUNTING PLATES NOS. 3 AND 4. (HALF SIZE CAPACITORS).

| | | | | | | | | | | | | | | |
|-------------------|---------------------------------------|-----------------|---|-----------------|--------------------------------------|---------------|---------------------------------------|---------------|-----------------------------------|--------------|--------------|--------------------------|----------------------|-----------|
| ISSUE 1, 12.12.61 | ADVANCE IN ISSUE ONLY NO. AMENDMENTS. | ISSUE 3, 4-9-63 | ADVANCE IN ISS. ONLY NO. AMENDMENTS (30375) | ISS. 3, 28-3-72 | ISS. ADVANCED ONLY SHT 3 AMD (99556) | ISS. 28-26373 | ISS. ONLY ADVANCED SHT 3 AMD (122860) | ISS. 30-18-74 | ISS. NO CHANGE SHT 1 AMD. (42306) | ISS. 30-1-74 | ISS. 30-1-74 | N.Z.P.O. (69293) 4-10-68 | ORIGINATED BY | A.T. & E. |
| | | | | | | | | | | | | | DATE | 12.12.61 |
| | | | | | | | | | | | | | SIGNED FOR COMMITTEE | A. Aston |

RELAY CODES & COMPONENTS LIST, GBW 15241

SIZE **F**

SHEET
2 of 4

| RELAY | B.C.C CODE | DIAG. FIG. | NOTES | COMPT. DESIGNATION | BPO CODE | NOTES |
|-------|------------|------------|-----------|--------------------|----------|-------|
| SAB | 10836 | | | C5C | N° 103C | |
| SBB | " | | | C5D | N° 102C | |
| SJB | " | | | C6 | N° 101 | |
| SDB | " | | | C7 | " | |
| SEB | " | | | C8 | " | |
| SFB | " | | | C9 | " | |
| SGB | " | | | C10 | " | |
| SHB | " | | | C11 | " | |
| ST | 6018 | | | C12 | " | |
| TA | MVH7002 | | | C13 | " | |
| TB | MVH7002 | | | C14 | " | |
| XY | 72405 | | | C15 | N° 102C | |
| VB | 91030 | | | C16 | " | |
| DT | CR5027P | | * | C17 | " | |
| RG | 50640BA | | NZPO CODE | C18 | " | |
| GT | 16500 | | | C19 | " | |
| | | | | C20 | " | |
| | | | | C21 | " | |
| | | | | C22 | " | |
| | | | | C23 | " | |
| | | | | C24 | " | |
| | | | | C25 | " | |
| | | | | C26 | " | |
| | | | | C27 | " | |
| | | | | C28 | " | |
| | | | | C29 | " | |

NOTES - A SPECIAL FACTORS OF SAFETY. B SPECIAL ADJUSTMENTS. C CIRCUIT POINTS OR MODIFICATIONS.

B - ST - RE-ADJ & TEST FIGS.

LAYOUT

NOTE 1

WHEN SHT. 3 LAYOUT APPLIES, REMOVE RELAYS SHA AND SHB, AND REPLACE WITH DIAL TONE FILTERS DFA AND DFB. (REQ'D FOR DTMF CONVERSION).

ALTERNATIVE GEC. LAYOUT OVER 4 MOUNTING PLATES

| | | | | | | | | | | | | | | |
|---|--------|-----|-----|--------------|-------------|-----|------------|---------------|------------|-----------------|------------|------------|------------|-----------|
| 4 | ST | SA | SAA | SBA | SJA | SDA | SEA | SFA | SGA | SHA | | | | |
| | RS RIO | SB | SAB | SBB | SJB | SDB | SEB | SFB | SGB | SHB | | | | |
| 3 | C2A | C2B | C2C | C3A | C3B | C3C | C2D C3D | C15 C16 | C17 C18 | C19 C20 | C21 C22 | C1 C6 | C7 C8 | C9 C10 |
| | C4A | C4B | C4C | C5A | C5B | C5C | C4D C5D | C23 C24 | C25 C26 | C27 C28 | C29 C30 | C11 C12 | C13 C14 | + |
| 2 | CO | COR | CR | DF | PA | RW | RY | RF | XY | R20-29 32-33 | | | | |
| | VB | B | + | R24 25-26 | MRI- MR6 | GT | RG | R21- 22-23 | SCA | SCB | | | | |
| 1 | CA | CB | CC | CD | MSA | RV3 | RD | TA | AT | RV1 | | | | |
| | CE | CF | CG | CH | MSB | RV4 | C31 C32 | TB | BT | RV2 | | | | |

| | | | | | | | | | | | | | | |
|---------------------|--------------------------|---------------------------------------|-----------------|------------------------------|----------------------|----------------------------------|----------------------|----------------------------|----------------------|-------------------------------|---------------------|-----------------------|----------------------|----------|
| ISSUE 1.12.72.6 APP | CODE OF PARTS WAS MVH702 | ADVANCE TA ISSUE ONLY NO AMEN. PARTS. | ISSUE 3. 4-9-63 | RG & GT RELAYS ADDED (30375) | ISS. 3A: 28-3-72 PLM | ALTERNATIVE LAYOUT ADDED (99556) | ISS. 3B: 26-3-73 DIM | RG RELAY CODE AMD (122860) | ISS. 3C: 18-4-74 JHE | NO CHANGE SHT. 1 AMD. (42906) | ISS. 3D: 1-3-84 GCG | NZPO (G9293) 4-10-63. | ORIGINATED BY | A. T. E. |
| | | | | | | | | | | | | | DATE | 12-12-61 |
| | | | | | | | | | | | | | SIGNED FOR COMMITTEE | A. Aston |

Centimetres

5

10

15

20

25

30

